

Converting Colors

XYZ(28.6517, 29.3498, 34.6387)

Have a look what the booklet for
XYZ(28.6517, 29.3498, 34.6387)
contains.

XYZ(28.6893, 29.3749, 34.7297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.6893, 29.3749,
34.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	96929A
RGB	150, 146, 154
RGB Percent	59%, 57%, 60%
CMY	0.4118, 0.4274, 0.3961
CMYK	0.03, 0.05, 0.00, 0.40
HSL	270°, 4%, 59%
HSV	270°, 5%, 60%
XYZ	28.6893, 29.3749, 34.7297
YIQ	148.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

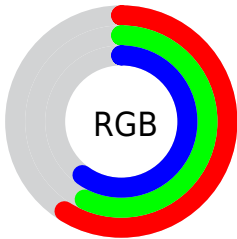
Format	Color
RYB	150, 146, 154
Decimal	9867930
CIELab	61.11, 3.03, -3.70
CIELCh	61, 4.779, 309.270
Yxy	29.3749, 0.3092, 0.3166
Android (android.graphics.Color)	4288058010 (0xFF96929A)
YUV	148.1080, 2.9048, 1.6593
Hunter-Lab	54.1986, -0.3610, -0.0532

Details

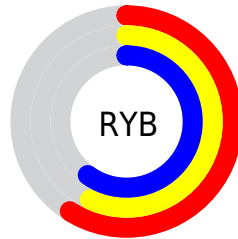
The XYZ color **28.6893, 29.3749, 34.7297** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3227, 31.6714, 31.7633**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **56.9413, 58.7000, 68.0036**, and **11.7766, 11.9977, 14.5270** is the 20% darker color. If you saturate the color by 10%, you get **25.1026, 24.2367, 33.9274**, and if you desaturate by 10%, it is **32.6907, 35.2033, 35.6442**.

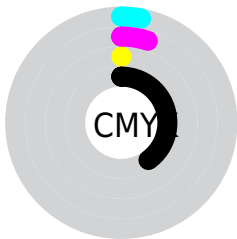
Distribution



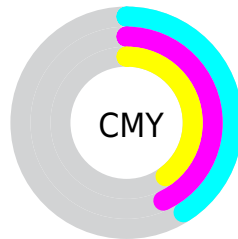
- Red (59%)
- Green (57%)
- Blue (60%)



- Red (59%)
- Yellow (57%)
- Blue (60%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6893, 29.3749, 34.7297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.6893, 29.3749, 34.7297 by changing the saturation by 10% instead.

■ 28.6893, 29.3749,
34.7297

■ 28.6893, 29.3749,
34.7297

287.7669,
298.9797, 338.2416

■ 18.9890, 19.3646,
23.1729

■ 56.9841, 58.6722,
68.2136

■ 11.7663, 11.9340,
14.5147

■ 76.3092, 78.7280,
90.9778

■ 6.6558, 6.6988,
8.3367

99.5734, 102.9011,
118.3148

■ 3.2922, 3.2744,
4.2203

127.1420,
131.5759, 150.6432

■ 1.3101, 1.2766,
1.7470

159.3802,
165.1367, 188.3816

■ 0.1908, 0.1230,
0.3926

196.6536,

■ 0.0000, 0.0000,

203.9681, 231.9484

0.0000

239.3273,
248.4543, 281.7622

■ 28.6893, 29.3749,
34.7297

■ 28.6893, 29.3749,
34.7297

■ 25.1026, 24.2367,
33.9274

■ 32.6907, 35.2033,
35.6442

■ 21.9136, 19.7585,
33.2311

■ 37.1179, 41.7429,
36.6732

■ 19.1077, 15.9137,
32.6369

■ 41.9849, 49.0187,
37.8210

■ 16.6686, 12.6720,
32.1397

■ 47.3040, 57.0530,
39.0914

■ 14.5784, 10.0011,
31.7343

■ 53.0874, 65.8674,
40.4880

■ 12.8177, 7.8649,
31.4148

■ 59.3464, 75.4826,
42.0140

■ 11.3651, 6.2237,
31.1746

■ 66.0921, 85.9185,
43.6728

■ 10.1960, 5.0315,
31.0061

■ 68.6350, 87.7939,
43.9008

■ 9.2791, 4.2290,
30.8995

■ 70.9036, 88.9634,
44.0069

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.1144, 29.3749, 35.5108



28.6893, 29.3749, 34.7297



29.0616, 29.3749, 33.2208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.6893, 29.3749, 34.7297



28.3485, 29.3749, 28.8654



26.7481, 29.3749, 32.5432

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.6893, 29.3749, 34.7297



29.3227, 31.6714, 31.7633

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.8086, 29.3749, 30.7788



28.6893, 29.3749, 34.7297



27.7264, 29.3749, 28.6993

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.6893, 29.3749, 34.7297



28.8628, 29.3749, 29.8502



27.1645, 29.3749, 29.3875



26.9979, 29.3749, 34.2177

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.6893, 29.3749, 34.7297



29.1417, 29.3749, 32.0282



27.1645, 29.3749, 29.3875



26.7329, 29.3749, 31.9404

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.6901, 29.3762, 34.7303



54.3264, 56.5639, 63.5909



28.6155, 30.3005, 34.9127



12.3162, 12.8315, 14.3980



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.6901, 29.3762, 34.7303



51.4818, 52.4459, 62.9460



29.4135, 29.7491, 34.7642



6.3948, 6.5025, 7.8470



7.2853, 3.2068, 25.1427



0.1508, 0.0695, 0.3778

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.1114, 29.6311, 33.0407



52.3809, 52.9902, 59.3395



28.6228, 31.3105, 31.7306



6.5129, 6.5740, 7.3731



11.9675, 6.0412, 6.3540



0.1973, 0.0977, 0.1916

Previews

White Background



This preview shows how the XYZ color 28.6893, 29.3749, 34.7297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.6893, 29.3749, 34.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6893, 29.3749, 34.7297

Background



This preview shows how black text looks on a background with the XYZ color 28.6893, 29.3749, 34.7297.

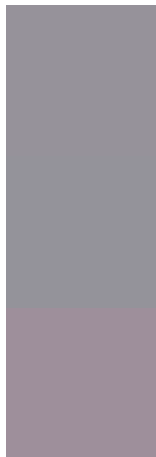


This preview shows how white text looks on a background with the XYZ color 28.6893, 29.3749,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.6893, 29.3749, 34.7297

Protanopia

28.4792, 29.4964, 34.7642

Deuteranopia

29.8394, 29.2806, 35.0894



Tritanopia

28.9424, 29.4761, 36.0623

Trichromacy



Original Color

28.6893, 29.3749, 34.7297

Protanomaly

28.6609, 29.5901, 34.7727

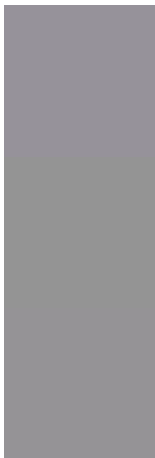
Deuteranomaly

29.4072, 29.2816, 35.1123

Tritanomaly

28.8573, 29.4421, 35.6144

Monochromacy



Original Color

28.6893, 29.3749, 34.7297

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3332, 29.4590, 33.0470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6893, 29.3749, 34.7297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.6893, 29.3749, 34.7297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 146, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 146, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6893, 29.3749, 34.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
146, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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